

# Converting Colors

Hex(C2FFBD)

Have a look what the booklet for  
Hex(C2FFBD) contains.

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# **Color**

**Hex(C2FFBD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C2FFBD
RGB	194, 255, 189
RGB Percent	76%, 100%, 74%
CMY	0.2392, 0.0000, 0.2588
CMYK	0.24, 0.00, 0.26, 0.00
HSL	115°, 100%, 87%
HSV	115°, 26%, 100%
XYZ	67.1934, 86.6635, 61.3304
YIQ	229.2370, -15.1700, -33.4580

# Conversions

## Conversions Part 2

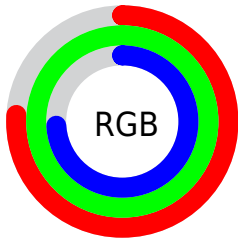
Format	Color
R <sub>YB</sub>	189, 255, 250
Decimal	12779453
CIE Lab	94.60, -31.29, 25.51
CIE LCh	95, 40.369, 140.808
Yxy	86.6635, 0.3123, 0.4027
Android (android.graphics.Color)	4290969533 (0xFFC2FFBD)
YUV	229.2370, -19.8368, -30.9028
Hunter-Lab	93.0932, -34.0742, 26.1046

# Details

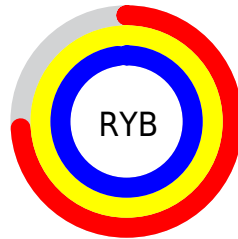
The Hex color **C2FFBD** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **FABDFF**, and the grayscale version is **E5E5E5**.

A 20% lighter version of the original color is **FBFFF6**, and **8BC687** is the 20% darker color. If you saturate the color by 10%, you get **AAFFA4**, and if you desaturate by 10%, it is **DAFFD7**.

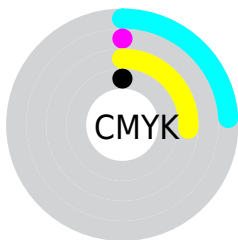
# Distribution



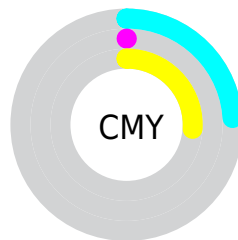
- Red (76%)
- Green (100%)
- Blue (74%)



- Red (74%)
- Yellow (100%)
- Blue (98%)



- Cyan (24%)
- Magenta (0%)
- Yellow (26%)
- Black (0%)



- Cyan (24%)
- Magenta (0%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C2FFBD changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color C2FFBD by changing the saturation by 10% instead.



 C2FFBD

FFFFFF

 FBFFF6

 C2FFBD

 A6E2A2

 8BC687

 71AB6E

 579055

 3D763D

 235D26

 044510

 002E00

 001900

 C2FFBD

 C2FFBD

 AAFFA4

 DAFFD7

 93FF8A

 F1FFF0

 7BFF71

FFFFFF

 64FF57

 4CFF3E

 35FF24

 1DFF0B

 13FF00

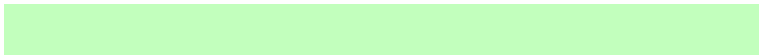
# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



EFF6A6



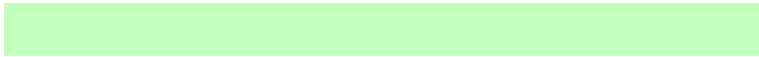
C2FFBD



94FFE2

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



C2FFBD



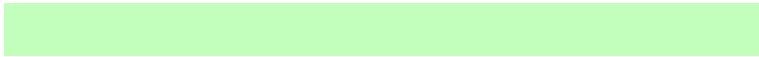
A9F7FF



FFD3D6

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



C2FFBD



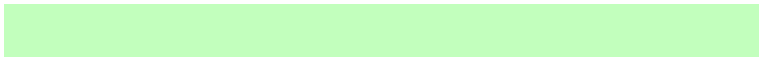
FABDFE

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFD3FD



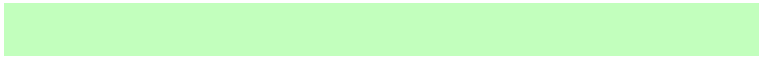
C2FFBD



E4EAFF

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C2FFBD



78FFFF



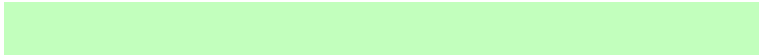
FFDCFF



FFDCB5

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C2FFBD



7AFFFD



FFDCFF

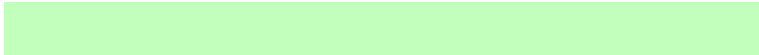


FFD2E3

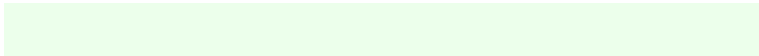


# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



C2FFBD



ECFFEB



FFFABD



748073



000000

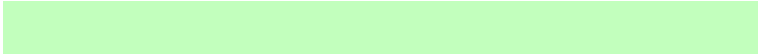


808080

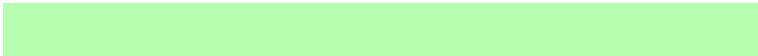


# Same Dimension

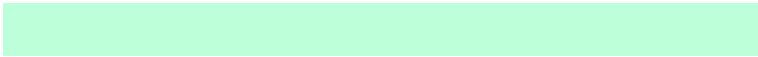
The Same Dimension uses a secret algorithm to generate beautiful new colors.



C2FFBD



B6FFB0



BDFFD9



748073



0EBF00



054000



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



FABDFF



F9B0FF



FFBDE3



7F7380



B100BF

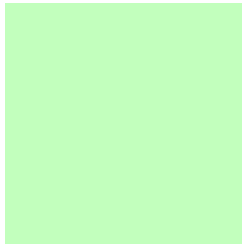


3B0040



# Previews

## White Background



This preview shows how the Hex color C2FFBD looks on a white background.

## Color Contrast Check

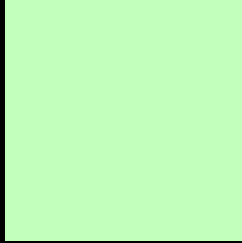
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color C2FFBD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

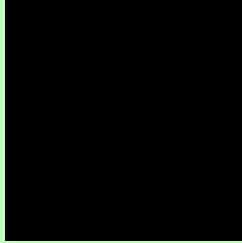
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

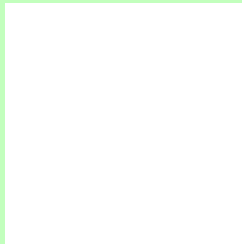
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C2FFBD Background



This preview shows how black text looks on a background with the Hex color C2FFBD.

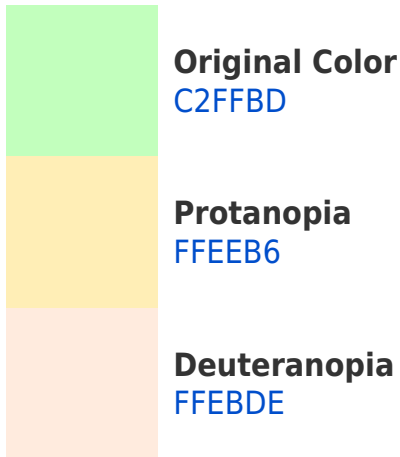


This preview shows how white text looks on a background with the Hex color C2FFBD.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



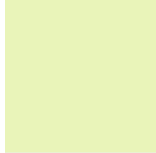


**Tritanopia**  
DCF3FF

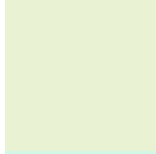
# Trichromacy



**Original Color**  
C2FFBD



**Protanomaly**  
E9F4B9

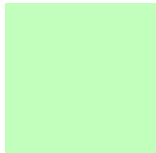


**Deuteranomaly**  
E9F2D2

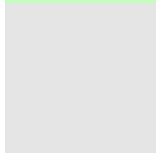


**Tritanomaly**  
D3F7E7

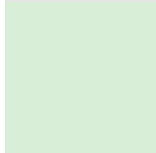
# Monochromacy



**Original Color**  
C2FFBD



**Achromatopsia**  
E5E5E5



**Achromatomaly**  
D8EED6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C2FFBD is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #C2FFBD looks like.

```
.text, #text, p{  
    color:#C2FFBD  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #C2FFBD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2FFBD }  
}
```

## Border

The CSS property to change the border of an element to Hex C2FFBD is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #C2FFBD }  
}
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#C2FFBD }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #C2FFBD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2FFBD; -webkit-box-shadow:4px 4px  
4px 4px #C2FFBD; box-shadow:4px 4px 4px  
4px #C2FFBD }
```

# Background

The CSS property to change the background color of an element to Hex C2FFBD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2FFBD }
```

If only the background color should be changed can be used:

```
.background{ background-color:#C2FFBD }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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